

The FedDebt Journey

Presented by:

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What Was FedDebt?

New software program being developed for
Cross-Servicing program only

Debt management system to move
debts through collection strategy and report
collections

Web based interface for Federal Agency
access

FMS Challenge

Replace current Cross-Servicing
debt management system

Some limitations to current system
but now maintenance is internal to
FMS and it is a stable system

Current system not exactly what we
need - decision made to build a
new system

Next Step – Evaluation of Current System

FMS had a study performed of
Financial Management Service
(FMS) systems and enterprise
architecture by contractor

Contractor Focused on Need to:

maximize collections by using collection tools
based on Federal Agency needs

provide timely and accurate debt
information to agencies and public sector

report on condition of government debt
portfolio and collect management
information

perform accurate accounting on collections
and avoid over collection

Contractor Recommendations:

FMS should have two primary
contact points for stakeholders
accounting and transaction processing
debt management

Implement a structure that would
eliminate data redundancies

Contractor Recommendations:

Develop Integrated Agency Interface /
Single Interface

Develop Data Repository / Data Mart

Research Commercial-Off-The-Shelf
(COTS) software for Cross-Servicing
system component & other system
functionality

Subsequent to Contractor Recommendations:

Determined New Goals

Determined New Direction

Goals of Expanded FedDebt System

Integrate all DMS systems - Accounting, Cross-Servicing and TOP

Consolidate debt and debtor data in redesigned database structure - eliminate redundancy

Integrated Agency Interface for Federal Agencies in terms of incoming & outgoing files

Goals of Expanded FedDebt System

Web enabled access for Federal Agencies to access DMS debt collection system

Separate and protect sensitive data

Utilize off-the-shelf products when possible to decrease build time

Enterprise-Wide Reporting using Extraction Transformation and Loading (ETL) tool.

FMS Chose The New Direction

New scope of project is to develop an Integrated DMS system that includes:

- Formalized FedDebt Implementation Strategy
- Data Dictionary
- Data Repository / Data Mart
- Integrated Agency Interface
- Enterprise-Wide Reporting
- Business Process Management (BPM)
- Flexible Enterprise Architecture – Service Oriented Architecture (SOA) being adopted as an industry wide standard

FedDebt Implementation Strategy

Incremental Approach

Implement applications over a period of time

Layered Architecture

Abstracted Reusable Functionality

Reduce maintenance costs over the System Lifecycle

Data Considerations:

Data Dictionary – Central source of information on data elements from all DMS applications. Goal – standardize data names, field lengths, and data types.

Data Repository / Data Mart – A production data repository consolidating like data between FedDebt/Cross Servicing and TOP to eliminate data redundancy between the two systems.

Enterprise-Wide Reporting

Accommodated by using an ETL tool

Extract and compile / aggregate data from disparate data sources

The New Direction

Business Process Management (BPM) – general term for the services and tools that support explicit process management (such as process analysis, definition, execution, monitoring, and administration), including support for human and application-level interaction.

The New Direction

BPM

Intelligent routing of transactional work based on predetermined parameters (Workflow Engine)

The New Direction

State of the Art Service Oriented
Architecture (SOA) –

SOA - An approach for building
distributed systems, which delivers
application functionality as services to
end-user applications or other
services.

*From IBM Business Integration Overview Presentation

The New Direction

SOA

Defines an Open Standards Architecture which represents Software Assets as Services

Provides a standard way of representing, and interacting with Software assets

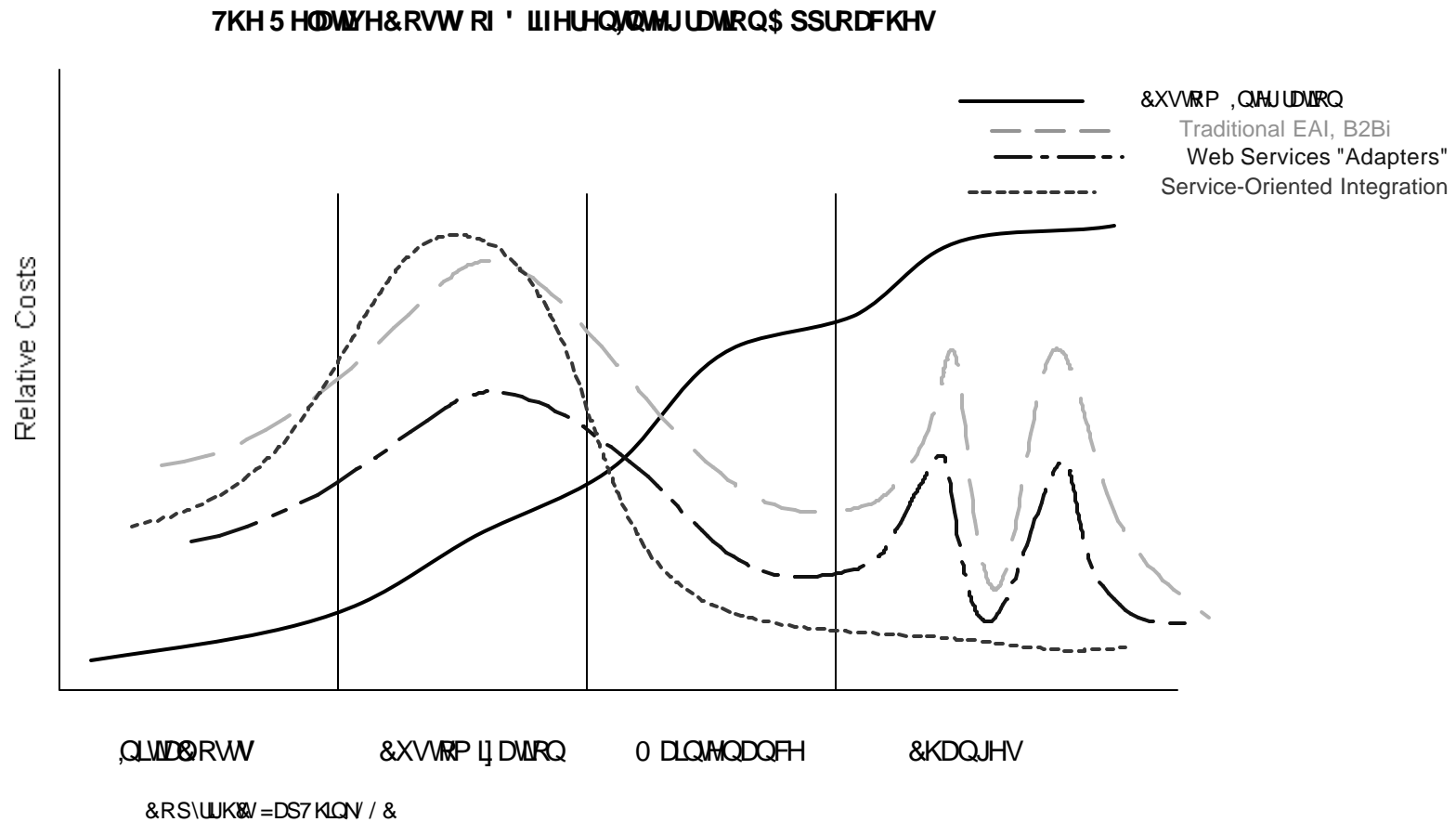
Loose coupling between services

Individual software assets become reusable building blocks for developing other applications

Can accommodate all applications within the enterprise

*From IBM Business Integration Overview Presentation

The Economics of Integration



Impact on Agency

One repository for debt collection

Single source for information

Federal Taxpayer Information - DMS will
work with IRS to resolve any possible
issues

Single File format

working on consolidated incoming file format
using TOP type structure - fixed length
fields

DMS will build a bridge for old formats

Information to Federal Agencies

one collection file

Impact on Agency

File formats, intended to be issued in early 2004, have been delayed until late 2004 or early 2005

Expanded FedDebt system may take longer but will be a better product

When?

Current timeline for entire FedDebt system is a little over two years

Cross-Servicing Component delivered June 2005

File formats will be provided in advance so Agencies may prepare – FMS/DMS will provide bridge for the current format

Project Updates will be provided periodically

Training for Federal Agencies on system use planned

Questions

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